2015 MCO AUTOCROSS/SOLO II CLASSING CLARIFICATIONS

All points taken under the 2015 Registration Form must be taken in full. NO PARTIAL POINTS CAN BE TAKEN UNDER ANY CIRCUMSTANCES.

DEFINITION: ORIGINAL SPECIFICATION

Throughout this document, a vehicle is said to be modified from its original specification when it uses a component not available as original equipment or as a factory option in North America for the EXACT vehicle in question.

SECTION 1: TIRES

Non-D.O.T. rated tires and D.O.T. rated autocross R-compound (V710,A6/A3, Z214, Toyo RR, BFG R1, etc), ***+17***

These points apply to autocross/solo II oriented tires with very soft tread compound. These tires are commonly referred to as "uber" R-compound tires.

D.O.T. R-compound tires with a treadwear ≤100 (R888,RA1, V70, NT01, A048, etc), +13
(Except for cars in Class E, +15)

These points apply to D.O.T. R-compound tires which do not fit into the previous points item, and are generally of harder compound than the "uber" R-compound tires. If your car's base class is A, B, C, or D, take 13 points. Take 15 points if your car's base class is E.

"Extreme" performance tires with treadwear less than or equal to 200 (Azenis, RE-11/RE01R, RS3, StarSpec, XS, Pilot Sport, Rival, etc), +10

These tires are typically referred to as "cheater" tires since they have a performance advantage over regular street tires. They are sold as extreme performance summer tires, though their design is highly performance oriented. Take these points if your vehicle is equipped with any of the listed tires or tires that fall within this category.

Tires ≥ 20mm wider than stock, +2
Tires ≥ 40mm wider than stock, +3

These points apply when the tire you use is of greater width than the O.E.M. tires specified for the vehicle. This information can be found from the first three digit number of the tire size/construction information on its sidewall. For example, a vehicle using tires of 225 mm tread width will take 2 points if the O.E.M. specified tire width is 205 mm or less.

SECTION 2: WEIGHT REDUCTION

The weight reduction points schedule is a three-leveled system which applies increasing points as the vehicle weight is reduced. The percentage of original vehicle weight that has been removed can be used as a means of differentiating between the three levels of weight reduction. As shown in the registration form, Level 1 weight reduction applies when the weight removed from the vehicle is approximately 5% or less than its original weight. For example, up to 150 lb could be

removed from a 3,000 lb vehicle within the Level 1 weight reduction guideline. Similarly, up to 300 lb could be removed within the Level 2 guideline.

Typical modifications used to reduce the vehicle's weight include but are not limited to: removal of interior pieces, carpeting, sound deadening, seats, removing the air condition system, removing the power steering pump, and replacement of body panels/glass with lightweight alternatives.

The negative points for the addition of a non-OEM safety roll bar/roll cage can only be taken if points are taken for Level 1, 2, or 3 weight reduction as well. Cosmetic roll hoops are not eligible for the negative points allotment.

SECTION 3: ENGINE

Engine swap - move car to donor's class or +7, whichever is greater (if increased displacement, does not entail displacement points)

For example, Jane Doe changes the engine in her car to one of greater displacement. The engine is taken from a car with base class of B, while the original base class of her own car is D. Jane must now consider her car as having base class of B. Points for other modifications will be added to the new base class in order to determine the effective class of Jane's car. Though the new motor has a greater displacement than her original one, increased displacement points are not taken unless the new engine is modified to further increase its displacement.

Non-original forced induction, +10

Take these points if you add forced induction to an engine that was originally naturally aspirated.

Air intake system, FREE

No points are given for modification or addition of any air intake system components. This applies only to components upstream of the throttle body. Modifications to the throttle body and intake manifold fall within the "Other Internal Engine Modifications" section.

Replacement pulleys, +1

Take these points if you have replaced any or all of your engine's accessory pulleys with parts of different diameter. For example, this applies to "under drive" pulley kits.

High performance carburetor, +1

Take these points if your vehicle is equipped with a non-original performance carburetor.

Cat-back exhaust system, +1

Take these points if your vehicle is equipped with any non-original cat-back exhaust system, or components thereof.

Removal of catalytic converter, +1

Take these points if a catalytic converter has been removed from your vehicle's exhaust system.

Header, +2

Take these points if your vehicle is equipped with any non-original exhaust header(s).

Programmable electronics/chip and fuel injection systems/ECU Reflash: normally aspirated +2, forced induction +5

Take these points if the programming of your vehicle's electronic engine control system has been modified in any way. If your vehicle is normally aspirated, take 2 points. If your vehicle uses forced induction, take 5 points.

Boost controller, +6

This applies to vehicles with forced induction. Take these points if your vehicle is equipped with an adjustable boost controller.

Lightweight flywheel, +1

Take these points if your vehicle is equipped with a flywheel that weighs less than the O.E.M. specified flywheel. This also applies to vehicles with O.E.M. flywheels that have been lightened by machining.

Other internal engine modifications, +4

Take these points if any modifications to the engine internals have been done that are not already covered by the points schedule. This may include things such as camshafts, pistons, connecting rods, etc. Additional points are not to be taken for multiple "other internal engine modifications" that are covered in this section.

Changed original intercooler/downpipe, +2

Take these points if your vehicle is equipped with any non-original intercooler/downpipe.

Changed original turbo/supercharger,+3

Take these points if your vehicle is equipped with any non-original forced induction compressor. This applies to vehicles which originally use forced induction, and on which the compressor unit has been changed. This does not apply to naturally aspirated vehicles to which forced induction is added.

Change limited slip differential, +2

Take these points if your vehicle is equipped with any non-original specification limited slip differential. This could include front, center, and rear differentials. If more than one differential is changed, the points taken remains at 2. The vehicle must have been originally equipped with some form of limited slip differential for this points item to apply.

Add limited slip differential, +4

Take these points if a limited slip differential has been added to your vehicle and the original equipment was an open type differential.

Increased displacement (includes stroking) - factory service manual stock overbore is FREE, +5

Take these points if the displacement of your vehicle's motor has been increased in any way, except for factory service manual stock overbore.

Non-stock Gearing, +3 NB - take points only once for any or all: Overall diameter of tire is 1 inch (or more) + or - OEM size, anything less than 1 inch is FREE; final-drive / ring and pinion change; transmission change

These points apply to vehicles on which the overall drive ratio has been altered. This can be accomplished by changing the specifications of the transmission gears, differential, or rolling radius of the tires. Take these points if you have changed the specifications of any transmission gears or differential, or if the outside diameter of your tires differs by 1 inch or more from

the O.E.M. tire size. These points are only taken once, even if the transmission, differential, and tire specifications are all altered.

SECTION 4: SUSPENSION AND BRAKES

Performance shocks, +2

Take these points if your vehicle is equipped with any non-original, non-adjustable performance shock absorbers/dampers. Note: OE replacement shocks/dampers are FREE.

Adjustable shocks, +5 (cannot be selected with "Performance shocks")

Take these points if your vehicle is equipped with any non-original, adjustable shock absorbers/dampers. If these points are taken, do not take points for "Performance Shocks."

Performance/lowering Springs, +3

Take these points if your vehicle is equipped with non-original performance springs and/or springs which lower the vehicles ride height.

Non-OEM adjustable spring perches, +2

Take these points if your vehicle is equipped with non-O.E.M. adjustable spring perches. The spring perch is the surface on which the spring is mounted. Adjustability of the spring perches allows the ride height of the vehicle to be adjusted. If you are able to adjust your vehicle's ride height, take these points unless this adjustability is present on the car as it comes from the factory.

Changed/added anti-roll bars, +3

Take these points if your vehicle is equipped with any non-original sway/anti-roll bar(s). If one anti-roll bar is equipped, take 3 points. If two anti-roll bars are equipped, take 3 points.

Non-stock alignment: any alignment outside the factory service manual maximum, +3

Take these points if the wheel alignment of your vehicle is outside the specifications listed for normal street use in the vehicle's service manual. Points are not taken for alignment components such as adjustable camber arms or bolts. It is possible to have such components installed without taking alignment points if the vehicle's wheel alignment remains within the specifications listed in its service manual.

Suspension geometry / mount point change +4

Take these points if the suspension geometry of your vehicle has been modified from its original specification. This involves changing the geometric location of any mounting point of any suspension component. This does not include changes in geometry associated with wheel alignment. For example, typical components which alter the suspension geometry are roll center adjusters (RCA's) and bump-steer adjusters.

Brake pads/rotor/calipers = FREE

No points are to be taken for use of any brake pads, rotors, and/or calipers.